

ABSTRACT

A communication network element or part, and a method for operating a communication network part are disclosed. The communication network part comprises a 5 first layer for transferring signalling information assigned to a telephone call being processed in the cellular telephone network and a second layer for transferring payload information assigned to the telephone call. An interface means couples the cellular 10 telephone network to a further network and comprises a signalling information exchange function and user or payload information exchange function between the cellular telephone network and the further network. The first layer and the second layer of the cellular 15 telephone network are coupled to the interface means. The second layer comprises information frame generating and suppressing means for generating an information frame which includes user information of the telephone call is being transferred to and from the interface 20 means on a direct route assigned to the telephone call within the second layer and for selectively suppressing the transfer of an information frame within the second

layer if the information frame does not comprise any user information. The second layer comprises also radio network means comprising a rate adaptation function for a rate adaptation of the payload information transfer
5 assigned to the telephone call.